## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit:

Spear, Stephen L. et al.

Applicants:

Applica Date Fil	tion No.: led:	9/05/03	Examiner Batch No		
Title:			ANCE DETERMINATIONS TIONS DEVICES AND MET	IN WIRELESS	
		INFORMAT	TION DISCLOSURE STA	TEMENT (IDS)	
		or Patents 22313-1450			
SIR:					
	n attache	d Form PTO/SB/08 a		n 37 C.F.R. §§1.97 and 1.98, the references I herein, are being submitted herewith for	
I.	COPIES a.⊠	A legible copy of (i) caused it to be listed; is included herewith.	and (iii) all other information	; (ii) each publication or that portion which or that portion which caused it to be listed	,
	b. 🔲	enclosed herewith we	ere previously cited by or sub	ich are listed on PTO/SB/08 which are no omitted to the PTO in one of the following ter filing date under 35 U.S.C. §120:	
		U.S. Serial Number		U.S. Filing Date	
П.	CONCI. a. ⊠ b. □ c. □	Except as may be ind information are in the A concise explanatio that is not in the Engl	e English language (concise ex on of the relevance of all pater lish language is as follows:	tion, all of the patents, publications or other	
III. 🗀	The Exa	aminer is advised that ed to the present appli		ication(s) contain(s) subject matter that may see) applications to the Examiner's attention as of 35 U.S.C. §122.	
	Serial N	<u>lo.</u>	Filing Date	Art Unit	
			FEES		
IV. 🛭	<u>THIS II</u> a.⊠	within three months		check one box) tional application other than a continued F.R. §1.97(b)(1)). No fee or statement is	
	b.□	within three months international applicat	tion (37 C.F.R. §1.97(b)(2)). I	national stage as set forth in § 1.491 in an No fee or statement is required.	
	c. 🗌	before the mailing da or statement is requir		the merits (37 C.F.R. §1.97(b)(3)). No fee	e
	d.□	before the mailing of	date of a first Office Action	after the filing of a request for continued.  No fee or statement is required.	d

V. 🔲			ING FILED UNDER 37 C.F			
					on under 37 C.F.R. §1.113, a Notice of Allowance loses prosecution in the application (See 37 C.F.R.	
	§1.97(c					
	a. 🗀	No state §1.17(p		osit Acc	ount 502117 the fee set forth in 37 C.F.R.	
	b. 🔲		statement below. No fee is r	equired.		
VI.			ING FILED UNDER 37 C.F			
			ment of the issue fee and is a			
	1) 2)		nent under 37 C.F.R. §1.97(e) Deposit Account <b>502117</b> the			
VII. 🔲	,		JNDER 37 C.F.R. §1.97(e) (c	•	• •	
_	The unc	dersigned	hereby states that			
	a. 🗌				DS was cited in a communication from a foreign ation not more than three months prior to the filing	
		of IDS;		п арриса	anon not more than three mondis prior to the ming	
	b.[				OS was cited in a communication from a foreign	
					ation, and to knowledge of the person signing the no item of information contained in the IDS was	
					C.F.R. 1.56(c) more than three months prior to the	
	-		f this statement, or			
	c.				in the IDS were cited in a communication from a action, the undersigned states that each item of	
					n a communication from a foreign Patent Office in	
					nan three months prior to the filing of this IDS. As	
					ned hereby states that no item of this remaining n a communication from a foreign Patent Office in	
					nowledge of the person signing the statement after	
		making	reasonable inquiry, no item	of info	ormation contained in the IDS was known to any	
		individu stateme		1.56(c)	more than three months prior to the filing of this	
		Stateme	nt.			
VIII.	PAYM	ENT OF		نه معمام،	and for the above identified for (a)	
	H				sed for the above-identified fee(s). e amount of \$180.00 for the above-indicated	
	_	fee(s).				
	$\boxtimes$				ees, or if any overpayment has been made, the or debit Deposit Account <b>502117</b> .	
					eposit Account charges and debits.	
	The ch	f	mana ana haima aitad ambu in s	tha intan	acts of sandan and without any admission that they	
constitu					ests of candor and without any admission that they tes the invention or which would render the same	
			n a combination, to a person			
	If the F	Evaminer	has any questions concerning	o this IT	OS, he/she is requested to contact the undersigned.	
If it is d					ng rule, the PTO is requested to consider this IDS	
under th	ie proper	rule (wit	h a petition if necessary) and	charge (	the appropriate see to Deposit Account 502117.	
					Respectfully submitted,	
					Spear, Stephen L. et al.	
				(		_
					Roland K. Bowler II	
	ROLA, I			ν,	Attorney for Applicant(s)	
Custom	er Numb	er 20280			Reg. No. 33,477 Tel. 847-523-3978	
Enclosu	ıres:	$\boxtimes$	PTO/SB/08		101. 04/-J2J-J7/0	
		☒	References			
			Foreign Search Report Other:			
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	ation No.	Spear, Stephen L. et al.	Group Art Unit: Examiner:
Date Fi		9/05/03	Batch No.:
Title:		TIMING ADVANCE DETER COMMUNICATIONS DEVICE	
		INFORMATION DISCL	OSURE STATEMENT (IDS)
		or Patents 22313-1450	
SIR:			
	n attach	rdance with 37 C.F.R. §1.56 and in c ed Form PTO/SB/08 and/or subsequent the United States Patent and Tradema	ompliance with 37 C.F.R. §§1.97 and 1.98, the references ently identified herein, are being submitted herewith for rk Office.
I.	COPIE		
	a.⊠		foreign patents; (ii) each publication or that portion which aer information or that portion which caused it to be listed,
	b. <u></u>	Any patents, publications or other is enclosed herewith were previously	nformation which are listed on PTO/SB/08 which are not cited by or submitted to the PTO in one of the following own for an earlier filing date under 35 U.S.C. §120:
		U.S. Serial Number	U.S. Filing Date
II.	CONC: a. ⊠  b. □  c. □	information are in the English language A concise explanation of the relevathat is not in the English language is	(b) of this section, all of the patents, publications or other age (concise explanation not required).  ance of all patents, publications or other information listed
[ <del>-</del> ]	anore	-	•
III. 🗌	The Ex		o-pending application(s) contain(s) subject matter that may aging this (these) applications to the Examiner's attention,
	Serial 1	No. Filing Da	te Art Unit
			FEES
IV. 🛛	THIS I a.⊠	prosecution application under § 1.	R. §1.97(b): (check one box) date of a national application other than a continued 53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is
	b. 🔲		entry of the national stage as set forth in § 1.491 in an
	c.		§1.97(b)(2)). No fee or statement is required. fice Action on the merits (37 C.F.R. §1.97(b)(3)). No fee
	d.	before the mailing date of a first	Office Action after the filing of a request for continued R. § 1.97(b)(4)). No fee or statement is required.

V. 🔲			EING FILED UNDER 37 C.F.R. §1.97(c): (check one box)  ng date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance	
	under 3	7 C.F.R.	§1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R.	
	§1.97(c a. □		ement; therefore, charge Deposit Account 502117 the fee set forth in 37 C.F.R.	
	b. 🔲		statement below. No fee is required.	
VI.			EING FILED UNDER 37 C.F.R. §1.97(d):	
	on or be		ment of the issue fee and is accompanied by the following: nent under 37 C.F.R. §1.97(e) as provided below; and	
	2)		Deposit Account 502117 the petition fee set forth in §1.17(p).	
VII. 🗌			<u>JNDER 37 C.F.R. §1.97(e)</u> (check <u>only</u> one box, if applicable) I hereby states that	
	a.	each ite	em of information contained in the IDS was cited in a communication from a foreign	
		Patent C of IDS;	Office in a counterpart foreign application not more than three months prior to the filing or	
	b. 🗌	no item	n of information contained in the IDS was cited in a communication from a foreign	
			Office in a counterpart foreign application, and to knowledge of the person signing the ent after making reasonable inquiry, no item of information contained in the IDS was	
			to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the f this statement, or	
	c.	some of	f the items of information contained in the IDS were cited in a communication from a	
			Patent Office. As to this information, the undersigned states that each item of ation contained in the IDS was cited in a communication from a foreign Patent Office in	
		a counte	erpart foreign application not more than three months prior to the filing of this IDS. As	
			remaining information, the undersigned hereby states that no item of this remaining ation contained in the IDS was cited in a communication from a foreign Patent Office in	
		a counte	erpart foreign application or, to the knowledge of the person signing the statement after	
			reasonable inquiry, no item of information contained in the IDS was known to any ual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this	
		stateme		
VIII.	PAYM	ENT OF		
	R		k in the amount of is enclosed for the above-identified fee(s). charge Deposit Account 502117 in the amount of \$180.00 for the above-indicated	
	_	fee(s).		
	$\boxtimes$		icant has overlooked any additional fees, or if any overpayment has been made, the ssioner is hereby authorized to credit or debit Deposit Account <b>502117</b> .	
			opies of this paper are attached for Deposit Account charges and debits.	
			ences are being cited only in the interests of candor and without any admission that they	
			art or contain matter which anticipates the invention or which would render the same in a combination, to a person of ordinary skill in the art.	
00 110 43			·	
If it is c			has any questions concerning this IDS, he/she is requested to contact the undersigned. us IDS has been filed under the wrong rule; the PTO is requested to consider this IDS	
			th a petition if necessary) and charge the appropriate see to Deposit Account 502117.	
			Respectfully submitted,	
			Spear, Stephen L. et al.	
				_
мото	ROLA, II	NC.	Roland K. Bowler II Attorney for Applicant(s)	
Custom	er Numb	er 20280	Reg. No. 33,477 Tel. 847-523-3978	
Enclosu	res:	☒	PTO/SB/08	
			References Foreign Search Report	
		H	Other:	

PTO/SB/08A (04-03)

Substitute for for	m 1449A/PTO			Complete if Known		
				Application Number		
IN	IFORMATION DIS	SCLOSUF	RE	Filing Date	9/05/03	
STATEMENT BY APPLICANT				First Named Inventor	Spear, Stephen L. et al.	
				Group Art Unit		
(use as many shi	eets as necessary)			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	CS23169RA	

	U. S. PATENT DOCUMENTS								
Examiner	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant				
Initials*		Number -Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	of Cited Document	Passages or Relevant Figures Appear				
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	gn Patent Document Number <sup>4</sup> Kind Code <sup>2</sup> (if	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
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Examiner Date	
	sidered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

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